Patent Search Results

13/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

File replicating system for remote storage, has updated file replicating from combination of base file and delta file stored in target storage in response to determining that base file matches reference file
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: LI H; STAKUTIS C J; WILKINSON E D

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080294860	A1	20081127	US 2004958724	A	20041004	200881	B
			US 2008130874	A	20080530		

Abstract:
NOVELTY - The system has a processor in communication with a local storage (22), where a replication request is received to replicate an updated **file** (12) from a delta file (20) in a target storage file system (18). A code is utilized to determine whether a base file (16) at the target storage file system **matches a reference file** (14) at the local storage in response to the replication request. The updated **file** is replicated from a combination of the **base file** and the delta **file** stored in the target storage in response to determining that the **base file matches** the **reference file**... the copied file is generated at a local storage. An update is applied to the file at the local storage. A delta file is generated **indicating differences** between the updated file at the local storage and the reference file. A file system command is used to transmit the delta file to the... ...

Claims:
an update to the file subject to replication at the local storage to generate an updated file at the local storage; generating a delta file **indicating differences** between the updated file at the local storage and the reference file; generating a code identifying the reference file; using a file system command to... ... to the target storage file system to store in one directory of the target storage file system; receiving a replication request to replicate the updated **file** from the delta file in the target storage file system; using the code to determine whether the **base file** at the target storage file system matches the **reference file** at the local storage in response to the replication request; and replicating the updated **file** from a combination of the **base file** and the delta **file** stored in the target storage in response to determining that the **base file** matches the **reference file**. ... Basic Derwent Week: 200881...

13/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Design checking method in computer assisted drafting system, involves creating composite document showing comparison result of two design images described in imported object and reference documents
Patent Assignee: KEMP K (KEMP-I); KEMP S (KEMP-I)
Inventor: KEMP K; KEMP S

Patent Family (3 patents, 111 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060112332	A1	20060525	US 2004630048	P	20041122	200639	B
			US 2005283130	A	20051117		
WO 2006058101	A2	20060601	WO 2005US42510	A	20051121	200645	E
WO 2006058101	A3	20071221	WO 2005US42510	A	20051121	200812	E

Abstract:
NOVELTY - An imported subject **document** and the imported **reference document** of two design images are **compared**. A composite **document** is created based on the **comparison** results between **reference** and subject **document** images... allow the output to be configured and or filtered to allow various display modes and image combinations, and since the comparison is computer generated all **differences** noted will be **output** as specified and the user can select an appropriate display mode to view what they wish to see. Another aspect of the invention is that... ...

Claims:
claimed is:**1.** A method for design checking of at least two design images, the method comprising the following:the step of importing a subject **document**;the step of importing a **reference document**; andsteps for **comparing** the subject **document** with the **reference document**;steps for creating a composite **document** showing the **comparison** results between the **reference document** and the subject **document.**> **Basic Derwent Week: 200639**

13/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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Method for replicating file involves generating delta file by updating reference file at local storage and replicating reference file at target storage by combining base file and delta file
Patent Assignee: LI H (LIHH-I); STAKUTIS C J (STAK-I); WILKINSON E D (WILK-I); INT BUSINESS MACHINES CORP (IBMC)
Inventor: LI H; STAKUTIS C J; WILKINSON E D

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060075004	A1	20060406	US 2004958724	A	20041004	200630	B
US 7401192	B2	20080715	US 2004958724	A	20041004	200848	E

Abstract:
generated at local storage from a base file copied to target storage file system. The reference file is updated while generating a delta file which **indicates difference** between updated file and reference file. A file system command is used to transmit and store the data file to the target storage. The reference... ... the copied file is generated at a local storage. An update is applied to the file at the local storage. A delta file is generated **indicating differences** between the updated file at the local storage and the reference file. A file system command is used to transmit the delta file to the... ...

Claims:
a **reference file** comprising the copied file at a local storage;applying an update to the file at the local storage;generating a delta file **indicating differences** between the updated file at the local storage and the reference file; andusing a file system command to transmit the delta file to the... ... an update to the file subject to replication at the local storage to generate an updated file at the local storage;generating a delta file **indicating differences** between the updated file at the local storage and the reference file;generating a code identifying the reference file;using a file system command to... ... to the target storage file system to store in a directory of the target storage file system;receiving a replication request to replicate the updated **file** from the delta file in the target

storage file system;using the code to determine whether the base file at the target storage file system **matches** the **reference file** at the local storage in response to the replication request; andreplicating the updated **file** from a combination of the **base file** and the delta **file** stored in the target storage in response to determining that the **base file matches** the **reference file.> Basic Derwent Week: 200630**

Computer verification method for file error detection, involves comparing set of output results of test file with set of output results of verified model file, for generating error report
Patent Assignee: INT BARCODE CORP (ITBA-N); LUBOW A (LUBO-I)
Inventor: LUBOW A

Patent Family (2 patents, 106 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2005050397	A2	20050602	WO 2004US38602	A	20041117	200543	B
US 20050149811	A1	20050707	US 2003520827	P	20031117	200547	E
			US 2004991090	A	20041117		

Abstract:
NOVELTY - A **model file** including set of model output results, is generated based on input parameters. The output results of **model file** are verified with the expected results. A test **file** including set of output results, is generated. The output results of test **file** are compared with the **output** results of verified **model file**, for generating an **error** report... ... A system and method is provided that includes verifying that a computer system generates an output file that conforms to a **model** output **file** comprising **one** or more expected output **results**. The **system** and method comprises generating one or more first output results by applying one or more input parameters to a first computer system. It is then... ... are then verified by electronically comparing them with the one or more second output results. It is verified that the computer system generates an output **file** that conforms to the **model** output **file** and **generates** a desired result. ...Basic Derwent Week: **2004WO-US0038602**

Determination of differences between a terminal system message and a reference message for use in a hierarchical telecommunications system by undertaking a comparison and message structure analysis between the messages
Patent Assignee: ROHDE & SCHWARZ GMBH & CO KG (ROHD-N); MICHL A (MICH-I)
Inventor: MICHL A

Patent Family (10 patents, 107 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 10313910	A1	20041007	DE 10313910	A	20030327	200471	B
WO 2004086224	A1	20041007	WO 2004EP1225	A	20040210	200471	E
EP 1606707	A1	20051221	EP 2004709612	A	20040210	200601	E
			WO 2004EP1225	A	20040210		
KR 2005119656	A	20051221	WO 2004EP1225	A	20040210	200652	E
			KR 2005717898	A	20050923		
CN 1764900	A	20060426	CN 200480008068	A	20040210	200654	E
JP 2006521726	W	20060921	WO 2004EP1225	A	20040210	200662	E
			JP 2006504415	A	20040210		
US 20070033527	A1	20070208	WO 2004EP1225	A	20040210	200713	E
			US 2006550949	A	20060502		
EP 1606707	B1	20071219	EP 2004709612	A	20040210	200802	E
			WO 2004EP1225	A	20040210		
DE 502004005755	G	20080131	DE 052004005755	A	20040210	200810	E
			EP 2004709612	A	20040210		
			WO 2004EP1225	A	20040210		
ES 2297380	T3	20080501	EP 2004709612	A	20040210	200833	E

Abstract:
NOVELTY - Method for detecting deviations in a hierarchical terminal system of a telecommunications arrangement, whereby modular terminal system **messages** are **compared** with **reference messages**. Accordingly a **reference message** is read in, a terminal system **message** is read in, a **message** structure **analysis** is undertaken, deviations in the terminal system **message** are determined and structure units that differ from the **reference message** are output... The invention relates to a method for determining deviations of a modular end-system **message**, generated in a hierarchically structured end-system of a telecommunications device, from a reference **message**. Once a **reference message** has been read, an end-system **message** that has been generated in the end system is read. A **message**-structure analysis is carried out both for the **reference message** and the end-system **message**. Any deviations of the end-system **message** from the **reference message** are determined from the **message** structure and the structural units (23, 24, 24.1END, 24.1.1END, 28) of the end-system **message** (17) that deviate from the reference message are output... ... a method for determining deviations of a modular end-system message, generated in a hierarchically structured end-system of a telecommunications device, from a reference **message**. Once a **reference message** has been read, an end-system **message** that has been generated in the end system is read. A **message**-structure analysis is carried out both for the **reference message** and the end-system **message**. Any deviations of the end-system **message** from the **reference message** are determined from the **message** structure and the structural units (**23, 24,24.1**END, **24.1.1**END, **28**) of the end-system **message** (**17**) that deviate from the reference message are output... ...

Claims:
Method for determining deviations of a modularly constructed end-system **message** (17), generated in a hierarchically constructed end-system of a telecommunication facility, from a reference message (7), with the following procedural steps: - Reading in of... ... the reference message (7),- Execution of a message structure analysis of the generated end-system message (17),- Display of the overall message structure of the **reference message** (7) and the end-system **message** (17),- Marking of any displayed structure unit of **reference message** (7),- Marking of any displayed structure unit of end-system **message** (17),- Determination of deviations of the marked part of the end-system

message (17) from the marked part of the **reference message** (7), and- Output of structure units (23,24, 24.1END, 24.1.1END, 28) of the end-system **message** (17) generated in the end-system which differ from the marked part of the **reference message** (7), in a first area (20) of a screen display, **characterized in that** in a second area (21) the structure units (23, 24, 24.1END... ... Basic Derwent Week: **200471**

13/3,K/12 (Item 12 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Hierarchical document comparison method involves performing character-by-character comparison of data in old and new versions of specified document, for identifying segments in documents containing differences
Patent Assignee: APLIX RES INC (APLI-N)
Inventor: CHING P W

Patent Family (1 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 6560620	B1	20030506	US 1999366367	A	19990803	200351	B

Claims:
What is claimed is: 1. A method of **comparing** at least **two** very large and very similar **documents** to quickly locate and **identify differences** in the documents, wherein the documents include a first document and a second document each having a large number of segments, each segment having a label and including a plurality of characters, said method comprising: receiving a request to **compare** the first **document** and the second **document**; performing a character-by-character comparison of at least some of the characters of the first document to at least some of the characters of the second document; **determining** whether there are **differences** between the first **document** and the second document; listing only the labels, and no other content, of only those segments that contain at least one difference in a first display in which the listed segment labels from the first document appear in a first display portion of said first **display** and the listed segment labels from the second **document** appear in a second display portion of said first display; receiving a request to **display** at least one **difference** between (a) at least one segment of the first **document** having a segment label listed in said first display portion of said first display and (b) at least one corresponding segment of the second **document** having a segment label listed in said second display portion of said first display; displaying the characters of the at least one segment of the first document and the characters of the at least one corresponding segment of the second **document** in a second **display** in which at least some of the characters of the at least one segment of the first document appear in a first display portion of said second display and at least some of the characters of the at least one corresponding segment of the second document appear in a second display portion of said second display; and distinguishing the characters which are different in said second display.Basic Derwent Week: **200351**

13/3,K/13 (Item 13 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Content consistency maintenance method for database management system, involves comparing version number in access token with latest version of externally stored objects, to determine if token refers to current version of object
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: BHATTACHARYA S; BRANNON K W; HSIAO H; NARANG I S

Patent Family (2 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 20030069902	A1	20030410	US 2001971755	A	20011005	200346	B
US 6874001	B2	20050329	US 2001971755	A	20011005	200522	E

Abstract:

ADVANTAGE - The metadata and **file** data consistency in a loose transaction **model are** efficiently maintained, by **comparing** the version number of access token with **version** number of latest committed version... the latest committed version, in order to detect uncommitted updates. A mismatch indicates that stale data is being referenced, and in that situation an appropriate **error is returned.** ... ... compared with the last modification timestamp of the latest committed version, in order to detect uncommitted updates. A mismatch indicates that stale data is being **referenced**, and **in** that **situation** an appropriate **error** is **returned. > Basic Derwent Week: 200346**

13/3,K/17 (Item 17 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Document format identification apparatus used in client-server environment, has memory which stores generated document format data that contains document format identification data and correction data

Patent Assignee: CANON KK (CANO); KAZUMI K (KAZU-I)
Inventor: KAZUMI K

Patent Family (8 patents, 28 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
EP 1202213	A2	20020502	EP 2001309095	A	20011026	200248	B
US 20020052892	A1	20020502	US 2001984119	A	20011029	200248	E
JP 2002203206	A	20020719	JP 2001322585	A	20011019	200262	E
US 6968501	B2	20051122	US 2001984119	A	20011029	200577	E
JP 3733310	B2	20060111	JP 2001322585	A	20011019	200608	E
EP 1202213	B1	20061011	EP 2001309095	A	20011026	200668	E
DE 60123730	E	20061123	DE 60123730	A	20011026	200680	E
			EP 2001309095	A	20011026		
DE 60123730	T2	20070816	DE 60123730	A	20011026	200756	E
			EP 2001309095	A	20011026		

Claims: generating, based on the feature extracted by said extraction means (12a), document format data (32) containing identification data (322a) for

identifying a document format and **correction** information (321a) for **indicating** a type of said image input apparatus (11) and correcting a feature difference produced by a difference in type of the image input apparatus (11... ... for correcting feature location differences resulting from the type of scanner through which the document to be identified was read; andidentification means (12c) for **comparing** the document format data generated by the **document** format data generation means for the **document** to be identified with the **document** format data of the **reference document** stored in the storage means to calculate the similarity between the formats of the **document** to be identified and the **reference document**, wherein the identification means (12c) is arranged to: use the identification data (321a) indicating the type of scanner through which the **document** to be identified was read to determine whether feature location correction is required in the stored document format data or the document format data of... generation means for generating, based on the feature extracted by said extraction means, document format data containing identification data for identifying a document format and **correction** information (for **indicating** a type of said image input apparatus and correcting a feature difference produced by a difference in type of the image input apparatus; andstorage... ... image input apparatus;generating, based on the feature extracted in said extraction step, document format data containing identification data for identifying a document format and **correction** information for **indicating** the type of image input apparatus used to read the document and correcting a feature difference produced by different types of image input apparatuses; and...
Basic Derwent Week: **200248**

13/3,K/21 (Item 21 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Document reading assistance device for organization, has comparator that outputs selected portion of document that contains mutually varying aspects with respect to reference document
Patent Assignee: FUJI XEROX CO LTD (XERF)
Inventor: HAYASHI K; TAKAHASHI M; UEDA M

Patent Family (2 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
JP 2001297080	A	20011026	JP 2000113024	A	20000414	200203	B
JP 3879810	B2	20070214	JP 2000113024	A	20000414	200714	E

Abstract:
NOVELTY - A memory (11) stores a **reference document**. An acquisition unit (16) acquires the **document** for operation. A **comparator** (14) **compares** the **reference document** selected by selection unit (13) and the **document** acquired by acquisition unit to detect the portion having different aspect. A display section (15) **varies** the **output** aspect corresponding to the detected portion and **outputs** the document for operation. Basic Derwent Week: **200203**

13/3,K/24 (Item 24 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Comparison of hierarchical structures such as a base file containing XML statements to a modified file in order to create a third file
Patent Assignee: IBM CANADA LTD (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: BIRSAN D; SLUIMAN H

Patent Family (2 patents, 2 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
CA 2255047	A1	20000530	CA 2255047	A	19981130	200062	B
US 6848078	B1	20050125	US 1999437619	A	19991110	200508	E

Abstract:
USE - **Comparing base file** to a modified **file** to create a third **file**... A software tool to allow a user to **compare** a base file containing XML statements to a modified file and from the comparison, create a third file. The comparison between the base and modified... ... Differences between the nodes of the two files are highlighted in a comparison tree and the user may resolve the differences to create a third **file** or optionally incorporate **the** selected differences into the **base file**. As nodes **are examined** in the **comparison** tree and decisions **made** as to which nodes to include in the third **file**, differences in the **comparison** tree are resolved. **As** a difference is resolved, any node in the **comparison** tree dependent upon **the** now resolved **difference** is no longer **highlighted** if it too **has** had the **difference** resolved. The tool **is** most commonly used to determine changes made to a source code base file and allows the individual maintaining a stable source code base to determine...

Claims:
new, and desire to secure by Letters Patent is:1. A method for identifying to a user, the differences between elements of two hierarchically structured **files**, comprising the steps of:comparing the elements of a base file to the elements of a modified file;displaying to the user a tree structure... ... structure, the differences between said elements of said base and said modified files;allowing the user to resolve said differences between elements, thereby creating a **merged file** containing elements from said **base file** and **elements** from said modified **file**;**indicating** to **the** user, in the tree **structure**, **differences** between elements by one of **the** identifiers: new, **changed** or removed; andfor an element identified **as** new, providing the user with the following options:a) do not use the new element, whereby the new element is not incorporated into said merged... Basic Derwent Week: **200062**

13/3,K/29 (Item 29 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Querying and navigating changes in web repositories - in which differences between explored documents are computed automatically and summarised in new HTML page, and differences in link structure shown via graphical representations
Patent Assignee: AT & T CORP (AMTT)
Inventor: BALL T J; CHEN Y R; DOUGLIS F; KOUTSOFIOS E

Patent Family (5 patents, 20 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997031319	A1	19970828	WO 1997US2407	A	19970218	199740	B
US 5860071	A	19990112	US 1997797756	A	19970207	199910	E
EP 922258	A1	19990616	EP 1997907643	A	19970218	199928	E
			WO 1997US2407	A	19970218		
JP 2001508561	W	20010626	JP 1997530259	A	19970218	200140	E
			WO 1997US2407	A	19970218		
CA 2246650	C	20010724	CA 2246650	A	19970218	200147	E
			WO 1997US2407	A	19970218		

Abstract:
The method for a user to track changes in a document repository involves storing two versions of a **document**, each **document** including textual information and structural links, and one version of which is a **base document**, from different times in a database, and **comparing** the stored **document** versions to determine any differences in the text or structural links... ...database is checked to determine whether the database contains two versions of documents to which the base document contains structural links. The textual and structural **differences** between the two document versions are displayed, to include an **indication** of whether two versions of the linked documents are stored in the database... may explore the differences between documents with respect to two dates. Differences between documents are computed automatically and summarized in a new HTML page,

and **differences** in link structure **are shown** via graphical representations. **The** present invention is the combination of two tools that complement one another. The AT & T Internet Difference Engine (AIDE) is a tool for tracking and... ... Basic Derwent Week: **199740**

Structured document difference extraction method - in which difference character string between structured documents is extracted in accordance with linguistic sense of document editor taking into account logical meaning and structure
Patent Assignee: HITACHI LTD (HITA)
Inventor: AOYAMA Y; HIGASHINO J; TONO J

Patent Family (9 patents, 5 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
EP 747836	A1	19961211	EP 1996108939	A	19960604	199703	B
JP 8329079	A	19961213	JP 1995161398	A	19950605	199709	E
US 5956726	A	19990921	US 1996657306	A	19960603	199945	E
US 6098071	A	20000801	US 1996657306	A	19960603	200039	E
			US 1999326579	A	19990607		
US 6526410	B1	20030225	US 1996657306	A	19960603	200323	E
			US 1999326579	A	19990607		
			US 2000604261	A	20000627		
EP 747836	B1	20050316	EP 1996108939	A	19960604	200522	E
DE 69634459	E	20050421	DE 69634459	A	19960604	200528	E
			EP 1996108939	A	19960604		
JP 3724847	B2	20051207	JP 1995161398	A	19950605	200580	E
DE 69634459	T2	20060112	DE 69634459	A	19960604	200611	E
			EP 1996108939	A	19960604		

Abstract:
editor taking the logical meaning and structure of the structured documents into consideration. Structured documents are edited and stored in a memory unit by a **document** editing program. With reference to a **comparison** criterion **set** for the logical **structure** of each **structured document** before and after edition, the logical structure of **the** structural documents before and after edition read from the memory unit is **analyzed** by a structured document parsing program, and the **difference** between the structured documents is extracted by a structured document difference extraction program in such a manner as to satisfy the comparison criterion in accordance... ...

Claims:
a comparison objective element is defined as one for which non-coincidence of occurrence order of the element is not to be taken into consideration, **determining** the comparison result of said comparing step **indicating** non-coincidence in the occurrence order as **a difference** between the structured documents to be excluded from extraction.Basic Derwent Week: **199703**

Information processing device - compares produced file and information indicating file for

access set up beforehand and forms comparison result information result indicating coincidence of produced file for access
Patent Assignee: CANON KK (CANO)
Inventor: NAKAKOSHI H

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7325743	A	19951212	JP 1994141006	A	19940531	199612	B

Abstract:
A **reference** unit produced a **file**. The produced **file** and the information indicating the **file** for access set up beforehand are **compared**. A **comparison** result information is formed indicating the coincidence of the produced file and the file for access. A holder maintains a produced file...
...ADVANTAGE - Performs access to object file without being conscious of hierarchial structure of file. Eliminates **correction** of information **indicating** file for access associated with file position change. Basic Derwent Week: **199612**...

18/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Method for comparing versions of file, involves calculating fine signature for revised file block when coarse signature of base file and revised file segments are matched
Patent Assignee: NOVELL INC (NOVE-N)
Inventor: MURTHY M H; SRIVASTAVA P K

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7320009	B1	20080115	US 2003402603	A	20030328	200954	B

Abstract:
NOVELTY - The coarse signature for a block of revised **file** is compared (116) with coarse signature of base **file** data. The fine signature for revised **file** block is calculated (122) when the coarse signature of **base file** and revised **file** segments are matched, and compared (124) with the fine signature of data segment of **base file**. The coarse signature for another block of revised **file** is calculated when compared coarse signatures are unmatched and comparison of coarse signatures of revised **file** and **base file** is performed recursively until a **match** of coarse signatures is found. ... system for **determining differences** between files; method for maintaining **additional** copy of **file**; and recording medium for storing instructions to **determine** whether to **create delta file** reflecting **differences** between files... ... Methods and systems for efficient **file** replication are provided. In some embodiments, one or more coarse signatures for blocks in a **base file** are **compared** with those coarse signatures for blocks of a revised **file**, until a **match** is found. A fine signature is then generated for the **matching** block of the revised **file** and **compared** to a fine signature of the **base file**. Thus, fine signatures are not computed unless a coarse signature **match** has been found, thereby minimizing unneeded time-consuming fine signature calculations. Methods are also provided for determining whether to initiate a delta file generation algorithm... ...

Claims:
the differences between the versions, the method comprising: obtaining a fine signature and a coarse signature for at least one segment of data of a **base** file; accessing a revised version of the base **file**; obtaining a segment of data of the revised version and calculating a coarse signature for the obtained segment of the revised version; determining whether the coarse signature for the obtained segment of the revised version matches the coarse signature for the at least one data segment in the **base file**; if a match of the coarse signatures is present, calculating a fine signature for the obtained segment of the revised version of the **base file** and comparing the fine signature to the fine signature for at least one data segment of the **base file**; if the fine signatures match, storing a fine signature for the segment of the revised version; if a match of the coarse signatures is not... ... comparing said another

coarse signature for said another segment of data to said coarse signature for said at least one segment of data of said **base file**; and recursively repeating said calculating said another coarse signature and said comparing said another coarse signature to said coarse signature for said **base file** until a **match**, if possible, is obtained.

18/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Delta file creation determining method, involves determining whether differences between base file and revised version exceed of base file threshold change amount, and avoiding completion of delta file, when amount is exceeded
Patent Assignee: NOVELL INC (NOVE-N)
Inventor: H S M; SRIVASTAVA P K

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070288533	A1	20071213	US 2003402603	A	20030328	200805	B
			US 2007891962	A	20070814		

Abstract:
NOVELTY - The method involves determining whether differences between a **base file** and a revised version of the **base file** exceed a threshold change amount, and shifting a reference frame of data of a set length of the revised **file**. An amount of the shifting is counted, when a **comparison** of signatures of the **base file** and the revised **file** do not **match**, and the completion of a delta **file** is avoided, when the threshold change amount is exceeded. A copy of the revised version is transmitted for replication purposes. ... ADVANTAGE - The **determination** is **made** whether the **differences** between the base file and the revised version of the base file exceeds the threshold change amount, thus **generating** the **delta file** in an effective and faster manner... Methods and systems for efficient **file** replication are provided. In some embodiments, one or more coarse signatures for blocks in a **base file** are **compared** with those coarse signatures for blocks of a revised **file**, until a **match** is found. A fine signature is then generated for the **matching** block of the revised **file** and **compared** to a fine signature of the **base file**. Thus, fine signatures are not computed unless a coarse signature **match** has been found, thereby minimizing unneeded time-consuming fine signature calculations. Methods are also provided for determining whether to initiate a delta file generation algorithm...

Claims:
What is claimed is: **1**. A computerized method for **determining** whether to create a delta file reflecting differences between a **base file** and a revised version of the **base file**, the method comprising:determining whether the differences between a **base file** and a revised version exceed a threshold change amount, further including shifting a reference frame of data of a set length of the revised **file** and counting an amount of said shifting when a comparison of signatures of the **base file** and the revised **file** do not **match**; andif the threshold change amount is exceeded, avoiding the completion of a delta **file** and transmitting a copy of the revised version for replication purposes.

18/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350: Derwent WPIX

Storage requirement reduction method for backup subsystem in client-server - involves comparing uncompressed current segment of base version of file with corresponding segment of changed version of file where difference has been detected
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: MORRIS R J T

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5574906	A	19961112	US 1994328204	A	19941024	199651	B

Abstract:
an uncompressed format, using the communication link, from the client to the backup subsystem. The backup subsystem is used to difference changed version of the **file** and the multiple compressed segments of the **base** version of the **file**. The uncompressed current segment of the **base** version of the **file** is **compared** with the corresponding segment of the changed version of the **file** where the difference has been detected. Whether the differencing procedure is back in sync at the end of the current segment of the base version... server environment, a method and means for reducing the storage requirement in the backup subsystem and further reducing the load on the transmission bandwidth where **base** files are maintained on the server in a segmented compressed format. When a file is modified on the client, the file is transmitted to the server and compared with the segmented compressed base version of the file utilizing a differencing function but without decompressing the entire **base file**. A delta **file which** is the **difference** between the compressed **base file** and the **modified version** of the **file** is created and stored on a storage medium which is part of the backup subsystem. Alternatively, a copy of frequently accessed base files are maintained... ...

Claims:
of said file at the client; transmitting a changed version of said file in an uncompressed format, using the communication link, from the client to **the** backup subsystem; and
differencing using the backup subsystem, the changed version of said file and the multiple compressed segments of the base version of said... ... of said file, known as the current segment, if a difference has been detected; comparing the uncompressed current segment of the base version of said **file** and the corresponding segment of the changed version of said file where the difference has been detected; creating a delta **file** which includes the **differences** detected; determining whether the differencing procedure is back in synch **at** the end of the current segment of the **base** version of **said file**; and storing the changed version of said **file** in the compressed segmented format.

Patent document's reference relationship analysis program, has instruction to determine whether reference patent document found as result of search is contained or not contained in reference data using determination unit
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: OGAWA T

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2008276680	A	20081113	JP 2007122360	A	20070507	200877	B

Abstract:
An investigation analysis of an efficient patent is enabled.The data storing means 2 stores the reference data which show the relationship between a patent **document** and the reference patent document which refers a patent document.The acquisition means 3 acquires the novel reference data which show the relationship of the... ...found as a result of the search is contained in reference data.The display means 6 distinguishes and displays the discrimination|determination result of the **reference** patent **document** discriminate|determined by the discrimination|determination means 5 on the **reference** patent **document** contained in reference data, and the **reference** patent **document** which was not contained in reference data.FIG. 1This invention relates to a patent analysis program, the patent analysis method, and a patent analyzer.Specifically,It is related with the patent analysis program, the patent analysis method, and patent analyzer which analyze the reference relationship of a patent **document**.In this invention, the discrimination|determination result

discriminate|determined by the discrimination|determination means is distinguished to the **reference** patent **document** contained in reference data, and the **reference** patent **document** which was not contained in reference data, and was displayed,ThereforeA new relationship can be known efficiently and **analysis** quality improves it. ...

Claims:
between a patent document and the reference patent document which refers the said patent document,An acquisition means to acquire the novel reference data which **show** the relationship of the **new** reference patent **document** which refers a patent document,A search means to search the reference patent document which refers the patent document used as investigation object from the...
...of the search discriminate|determines whether it is contained in the said reference data,The display means which distinguishes and displays the said reference patent **document** contained in the said reference data in the discrimination|determination result of the said **reference** patent **document** discriminate|determined by the said discrimination|determination means, and the said **reference** patent **document** that was not contained in the said reference data,It is made to function as these.The patent **analysis** program characterized by the above-mentioned.

22/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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Portable document format document management system determines PDF document to be duplicate, updated and new document based on whether key information extracted from each PDF document matches with stored reference data
Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N); I2 TECHNOLOGIES US INC (ITWO-N)
Inventor: CHANDRAMOULI N; KANCHIRAYAPPA V N

Patent Family (5 patents, 3 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 20030106017	A1	20030605	US 20018898	A	20011205	200358	B
DE 10255128	A1	20030724	DE 10255128	A	20021126	200358	E
TW 591428	A	20040611	TW 2002134662	A	20021128	200506	E
US 6895550	B2	20050517	US 20018898	A	20011205	200533	E
TW 200300889	A	20030616	TW 2002134662	A	20021128	200556	E

Abstract:
NOVELTY - Key information is extracted from each portable document format (PDF) file received from an external application. The PDF **document** is determined to be duplicate, updated and new **document**, when all, some and no information **match** with the stored **reference** information. The PDF **file** is returned to the external application, after storing all, some and no key information, if the **document** is new, updated and duplicated, respectively... ... A PDF file is received from an external application and key information from the PDF **file**, concerning a PDF document contained in the PDF file, is extracted. The extracted key information is compared with analogous reference information stored for previously received... ... the PDF document is a duplicate document, processing of the PDF file is returned to the application without storing any extracted key information as reference **information**. If the PDF document is an updated document, certain extracted key information is stored to update the **reference** information and processing **of** the PDF **file** is returned to the application. If **the** PDF **document** is new, all extracted **key** information is stored as **reference** information and processing **of** the PDF **file** is returned to the application. ...

Claims:
operable to store reference information for a plurality of previously received PDF documents; andone or more software components collectively operable to:receive a plurality **of files** from **one** or more external applications;determine whether each received **file is** a PDF **file**;extract key information from each received PDF **file** concerning a corresponding PDF **document** contained in the PDF **file**;**compare** the extracted key information for each received PDF document with analogous

reference information stored in the database for previously received PDF documents;determine a verification status for each received PDF document according to the **comparison** and provide the verification status to the external application **from** which the PDF file was received, the verification status indicating that **the** received PDF **document** is a duplicate **document** if all the extracted key information for the received PDF **document matches** analogous **reference** information for a **previously** received PDF **document**, the verification status indicating that the received PDF **document** is an updated **document** if certain but not all the key extracted information for the received PDF document **matches** analogous reference information for a previously received PDF document, **the** verification status indicating that the received PDF document is a new document if at least certain extracted **key** information for the **received** PDF **document** does not **match** analogous reference information for a previously received PDF **document**;if the **received** PDF **document** is a duplicate **document**, **return** processing of the received PDF **file** to the **external** application from which **it** was received, without storing any extracted key information for the received PDF document in **the** database as reference information;if the received PDF document is an updated document, store certain extracted key information for the received PDF document in the... ... with analogous reference information stored for a plurality of previously received PDF documents;determining a verification status for each received PDF document according to the **comparison** and providing the verification status ... extracted information for the received PDF document matches analogous reference information for a previously received PDF document, the verification status indicating that the received PDF **document** is a new **document** if at least certain extracted key information for the received **PDF document** does not **match** analogous **reference** information for a **previously** received PDF **document**;if the received PDF **document is** a duplicate **document**, **returning** processing of the received PDF **file** to the external application from which it was **received**, without storing any extracted key information for the received PDF document as **reference** information;if the received PDF document is **an updated document**, storing certain extracted key information for the received PDF document to update the reference information, and returning processing of the received PDF file to the external application from which it was received; and if **the** received PDF document is a **new document**, storing all extracted key information for the received PDF document as reference information, and returning processing of the received PDF file to the external application...

22/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350: Derwent WPIX

File location determining method involves determining modification status for directory tree folder in response to match between criteria of file location request and search criteria column of search record
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: SAXTON T W

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6370549	B1	20020409	US 1999224698	A	19990104	200247	B

Abstract:
NOVELTY - A modification status is determined for a directory tree folder **referenced** in component **file** location that is included in a search record, in response to a **match** between criteria of a **file** location request and search criteria column (302) of the search record. The component file location included in the search record is returned as valid file... the file location of the component file has changed or has never been searched, then an attempt is made to locate the file and the **new file** location is **returned**. All file locations are stored in a file location cache so that subsequent searches can be minimized. When either the search criteria does not exist... ...

Claims:
cache including a plurality of search records, wherein each of the search records includes search criteria and component file location;(c) in response to a **match** between the criteria of the **file** location **request** and the search criteria of **at** least one search record, determining a modification status for a directory tree folder **referenced** in the component **file** location included in **said** at least

one **search** record; and(d) in response to a determination that the modification status is unchanged, returning the component **file** location included in said at least one search record as a valid file location for the component file that was requested.

14/3K/8 (Item 8 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

Method and apparatus for generating structured document

Patent Assignee:

- **Hitachi, Ltd.;** (204144)
  6, Kanda Surugadai 4-chome; Chiyoda-ku, Tokyo; (JP)
  (Applicant designated States: all)

Inventor:

- **Sato, Yoshifumi**
  40-1, Utsukushigaokanishi-2-chome; Aoba-ku, Yokohama-shi; (JP)
- **Hino, Masatoshi**
  26-20-612, Sagamigaoka-6-chome; Zama-shi; (JP)

Legal Representative:

- **Strehl Schubel-Hopf & Partner (100941)**
  Maximilianstrasse 54; 80538 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	768612	A2	19970416	(Basic)
	EP	768612	A3	20050216	
Application	EP	96113874		19960829	
Priorities	JP	95223017		19950831	

Specification:
in the above manner performs a parsing process relative to the keyword/text model generated by the keyword extracting module, and generates an interim structured **document matching** the modified **document** structure definition, in accordance with the parsing results recorded in the keyword/text **model**. A structured **document** correcting module refers to the **difference** stored when the **document** structure definition was modified, and **output** a structured **document matching** the **document** structure definition before modification. A given layout definition and a second document structure definition support the generation of a keyword extraction rule used for extracting...

14/3K/12 (Item 12 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

Method and apparatus for accessing the same computer file using different file name formats.

Patent Assignee:

- **AT&T Corp.**; (589373)
  32 Avenue of the Americas; New York, NY 10013-2412; (US)
  (applicant designated states: DE; FR; GB)

Inventor:

- **Bauer, Eric Jonathan**
  53 Lenape Trail; Tinton Falls, New Jersey 07724; (US)

Legal Representative:

- **Harding, Richard Patrick et al (41294)**
  Marks & Clerk, Alpha Tower, Suffolk Street Queensway; Birmingham B1 1TT; (GB)

	Country	Number	Kind	Date	
Patent	EP	588488	A1	19940323	(Basic)
Application	EP	93306359		19930811	
Priorities	US	932151		19920819	

Specification:
the DOS name lookup strategy of FIG. 6 or FIG. 7 is used (discussed in later paragraphs). In step 509 it is determined if a **matching** name has been found. If it has been found then, in step 513, the server returns a success indication with a **reference** to the found **file** name. If the DOS **file** name was not found in step 511 a **file** name not found **error** is **returned** to the client. In step 505, if it's determined that a DOS prefix/suffix was not used then, in step 515, it is determined...

14/3K/13 (Item 13 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS
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Learning machine with multi-input single output circuits connected in hierarchical structure.

Patent Assignee:

- **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD**; (216884)
  1006, Oaza Kadoma, Kadoma-shi; Osaka 571; (JP)
  (applicant designated states: DE; FR; GB)

Inventor:

- **Sakaue, Shigeo**
  16-8, Yamaoto Maruhashi-1-chome; Takarazuka-shi; (JP)
- **Kohda, Toshiyuki**
  Howaiti Haitsu A102, 26-5, Kawazoe-2-chome; Takatsuki-shi; (JP)
- **Shimeki, Yasuharu**
  8-A10-209, Yamadanishi-2-chome; Suita-shi; (JP)
- **Takagi, Hideyuki**
  4-5, Osumigaoka-1-chome, Tanabecho; Tsuzuki-gun, Kyoto; (JP)
- **Togawa, Hayato**
  12-2, Mukogaoka-1-chome, Bunkyo-ku; Tokyo; (JP)

Legal Representative:

- **Smith, Norman Ian et al (36041)**
  F.J. CLEVELAND & COMPANY 40-43 Chancery Lane; London WC2A 1JQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	579341	A2	19940119	(Basic)
	EP	579341	A3	19940330	
Application	EP	93202797		19900220	
Priorities	JP	8943730		19890223	
	JP	8947610		19890228	

Specification:
original document) is a sum of the outputs from all the multi-input single-output circuits in the output layer, and (see image in original **document**)(see image **reference** in original **document**) is vector including **weight** (i,j) as a component (hereinafter referred to as **weight** vector). As seen from Equation (2), the error E can be expressed as a square sum of a **difference** between a teacher signal and an actual **output** signal and so is a function of the weight vector w. A purpose of the learning is to change the weight vector to minimize a...or sence of this weight changing vector is referred to a weight changing direction. In this embodiment, a conjugate gradient direction is used as the **weight** changing direction. The conjugate gradient direction is given by (see image in original document) where (see image in original document)(see image reference in original...and 8; (see image reference in original document)(sub 0) is vector representation of the value of weight initialized by a random number; (see image **reference** in original **document**)(sub 0) is the most sudden drop direction in first learning; P(sub 1) is an error minimum point in the first learning; (see image **reference** in original **document**)(sub 1) is the most sudden drop direction at point P(sub 1); and P(sub 2) is an error minimum point in second learning... ...according to this embodiment, the weights in all the multipliers are first initialized by a random number; this means that the starting point ((see image **reference** in original **document**)(sub 0)) on the error curve in Fig. 11 is set for the random number. An object of the learning is, by changing the weights... ...the search of the error minimum point to reach a general error minimum point. In the first learning, the most sudden drop direction (see image **reference** in original **document**)(sub 0) expressed by Equation (4) is set as the weight changing direction, and the point where the error in the direction of (see image reference in original **document**)(sub 0) is minimum is acquired. This is referred to as straight-line searching in the direction of (see image **reference** in original **document**)(sub 0). The learning parameter initialization unit 66 produces a positive value which is suitable as an initial value of the learning parameter in the...into a local error minimum point. The straight-line searching unit 67 varies the learning parameter twice or half in the direction of (see image **reference** in original document)(sub 1) to provide a weight changing amount decreasing the error. The parabola approximation unit 68 parabola-approximates the error curve to...the second learning is set for the conjugate gradient direction expressed by Equation (11) using the most sudden drop direction (see image reference in original **document**)(sub 1) at P(sub 1) and the **weight** changing direction (see image **reference** in original **document**)(sub 0) (= (see image **reference** in original **document**)(sub 0)) in the first learning. The error minimum point P(sub 2) for the direction of (see image **reference** in original **document**)(sub 1) can be acquired by the straight-line searching for the direction of (see image **reference** in original **document**)(sub 1). If the conjugate gradient direction is adopted as the **weight** changing direction as in Fig. 15, the error can be minimized by the learning carried out in the smaller number of times than in the...

Method and data processing system of document definition utilizing a list directed expression architecture

Patent Assignee:

- **International Business Machines Corporation**; (200120)
  Old Orchard Road; Armonk, N.Y. 10504; (US)
  (applicant designated states: DE;FR;GB)

Inventor:

- **Barker, Barbara A.**
  2800 Carmel Road; Round Rock Texas 78681; (US)
- **Edel, Thomas R.**
  9410 Topridge Drive; Austin Texas 78750; (US)
- **Stark, Jeffrey A.**
  2905 Valleyview Drive; Grapevine Texas 76051; (US)

Legal Representative:

- **Therias, Philippe et al (77261)**
  Compagnie IBM FRANCE, Departement de Propriete Intellectuelle; 06610 La Gaude; (FR)

	Country	Number	Kind	Date	
Patent	EP	349462	A2	19900103	(Basic)
	EP	349462	A3	19920916	
Application	EP	89480094		19890607	
Priorities	US	213429		19880630	

Specification:
element 42 may also refer to document index 44 since like parameters are included therein. Referring again to Figure 4, the possibility of different formatted **outputs** which result from the **variation** in the semantic **content** of a **reference** to a particular **document** index may be seen. As is illustrated, formatted output 62 is one example of a portion of a **document** which may be generated as a result of a **reference** to **document** index 44 which includes an ancestor semantic reference. In **contrast**, formatted output 64 illustrates one example of an output which may be generated by a content reference from paragraph element 42.

14/3K/25 (Item 25 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS
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Methods for the modeling and fault simulation of complementary metal oxide semiconductor circuits.

Patent Assignee:

- **International Business Machines Corporation**; (200120)
  Old Orchard Road; Armonk, N.Y. 10504; (US)
  (applicant designated states: DE;FR;GB)

Inventor:

- **Barzilai, Zeev**
  122 Hidden Hollow; Millwood N.Y. 10546; (US)
- **Iyengar, Vijay Sourirajan**
  33 Old Locust Avenue; Peekskill, N.Y. 10566; (US)
- **Rosen, Barry Kumin**
  RR1, Box 398; Stormville New York 12582; (US)

Legal Representative:

- **Jost, Ottokarl, Dipl.-Ing. (6092)**
  IBM Deutschland Informationssysteme GmbH, Patentwesen und Urheberrecht; D-70548 Stuttgart; (DE)

	Country	Number	Kind	Date	
Patent	EP	229975	A2	19870729	(Basic)
	EP	229975	A3	19890426	
	EP	229975	B1	19931027	
Application	EP	86117140		19861209	
Priorities	US	815435		19851231	

Specification:
Table 5 summarizes the coverage results for both classes of faults. These results are averages over a series of 6 experiments for each model. By **comparing** the coverage for stuck-at faults with the results for Model 1 (the accurate **model** incorporating **both** hazard and charge sharing phenomena) **it** was noted that the stuck-at **faults** are uncovered well before the transistor open **faults**. Moreover, ignoring charge sharing effects (Model 2), or the invalidation **of** test patterns due to **hazards** (Model 3), or both (Model 4), does not change this relation. On the other hand, ignoring either or both of these phenomena (i.e., charge sharing and hazards) leads to a...

METHOD FOR DETERMINING DEVIATIONS OF AN END-SYSTEM MESSAGE FROM A REFERENCE MESSAGE

Patent Applicant/ Patent Assignee:

- **ROHDE & SCHWARZ GMBH & CO KG**
  Muhldorfstrasse 15, 81671 Munchen; DE; DE(Residence); DE(Nationality); (For all designated states except: US)

Patent Applicant/ Inventor:

- **MICHL Andreas**
  Mutschellestrasse 4, 81673 Munchen; DE; DE(Residence); DE(Nationality); (Designated only for: US)

Legal Representative:

- **KORFER Thomas(agent)**
  Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 Munchen; DE;

	Country	Number	Kind	Date
Patent	WO	200486224	A1	20041007
Application	WO	2004EP1225		20040210
Priorities	DE	10313910		20030327

English Abstract:
The invention relates to a method for determining deviations of a modular end-system **message**, generated in a hierarchically structured end-system of a telecommunications device, from a reference message. Once a **reference message** has been read, an end-system **message** that has been generated in the end system is read. A **message**-structure analysis is carried out both for the **reference message** and the end-system **message**. Any deviations of the end-system **message** from the **reference message** are determined from the **message** structure and the structural units (23, 24, 24.1END, 24.1.1END, 28) of the end-system message (17) that **deviate** from the reference message are **output**.

14/3K/42 (Item 42 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

FILE COMPARISON FOR DATA BACKUP AND FILE SYNCHRONIZATION

Patent Applicant/Patent Assignee:

- **CONNECTED CORPORATION**

Inventor(s):

- **CANE David**
- **HIRSCHMAN David**
- **SPEARE Philip**
- **VAITZBLIT Lev**
- **MARSON Howard**

	Country	Number	Kind	Date
Patent	WO	9835306	A1	19980813
Application	WO	98US2434		19980210
Priorities	US	9737597		19970211

Detailed Description:
is known in the art and is taught, inter alia, in U.S. Patent No. 5,479,654 entitled APPARATUS AND METHOD FOR RECONSTRUCTING A **FILE** FROM A DIFFERENCE SIGNATURE AND AN ORIGINAL **FILE**, issued to Squibb, which is incorporated herein by **reference**. A **file** is selected from a storage device 10 in a source system 12 as indicated in step 14. The selected **file** is **compared** with files on a storage device 16 in a target system 18 by file name as **indicated** in step 20. As a performance enhancing **variation** a list of target system files can be maintained on the source system. If no matching file name is located on the target system 18...

COMPUTER AIDED INSPECTION MACHINE

Patent Applicant/ Patent Assignee:

- BUCKLEY B Shawn
- CHEN Jihong
- YANG Dao Shan
- ZHOU Hui Cheng

Inventor(s):

- BUCKLEY B Shawn
- CHEN Jihong
- YANG Dao Shan
- ZHOU Hui Cheng

	Country	Number	Kind	Date
Patent	WO	9822860	A2	19980528
Application	WO	97US20431		19971107
Priorities	US	9630771		19961108

Detailed Description:
system combines SLMV hardware with a computer software simulation of the part, the structured light and the camera's view. The simulation uses a geometric **model** software file that can graphically render the part onto a computer screen. The present invention uses the geometric model simulation to both reduce the time...5 coordinates of object 4 can be compared to the simulated (xs, ys, zs) coordinates of object 4 as specified by the geometric model computer **file** of object 4. The error between these two can be expressed as a vector between the actual surface point and the simulated surface point. Shape primitives for edges can be straight lines, conic sections such as circles, ellipses, parabolas, or hyperbolas, helixes, or...5 pixels due to location errors. Hence windows 17 and 30 need only cover perhaps +/-10 pixels from its expected location based on its geometric **model file** simulation. Of the hundreds of pixels in column 13 or rows 12 only a small percentage need be included in the centroid or edge algorithm...z are the measured coordinates of a reference surface point XS) ys, zs are the simulated reference surface point coordinates as specified by the geometric **model file** u is the unit vector (mm) between the **measured** and the simulated coordinates. n is the unit vector directed normal to the associated reference plane, and E is the summed error between...

DOCUMENT IDENTIFICATION BY CHARACTERISTICS MATCHING

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Inventor(s):

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	Country	Number	Kind	Date
Patent	WO	9015386	A1	**19901213**
Application	WO	90US3043		19900531
Priorities	US	89839		19890531

Detailed Description:

base 13, The retrieval and execution program 11 displays the result of the matching and labelling program 9 on a computer screen or printer (not **shown**). The learning and **correction** program 12 creates and updates the graphic knowledge **base** 14 and the **document** knowledge base 8 which are then used by the segmentation program and the **matching** and labeling program 9 during the next iteration of the systems When first starting the system and after each main program is finished,, control is...

19/3K/2 (Item 2 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

A method of producing a checkpoint which describes a base file and a method of generating a difference file defining differences between an updated file and a base file

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	Country	Number	Kind	Date	
Patent	EP	981090	A1	20000223	(Basic)
	EP	981090	B1	20031217	
Application	EP	99306389		19990813	
Priorities	GB	9817922		19980817	

Specification:
of resolution sufficient to represent distinctly the segment; generating at different levels of resolution segment descriptions for segments in the updated file and comparing the **generated** segment descriptions with segment descriptions in the checkpoint to identify **matching** and non-**matching** segments; and storing as the **difference file** data **identifying** segments in the updated **file** that **match** segments in the **base file** and data representing portions of the updated **file** at a minimum level of resolution sufficient to represent distinctly the portion. As will become clear from the description that follows, the invention offers several...

Claims:
claimed in claim 17, wherein, when a match is found, samples are compared at increasing levels of resolution to identify matching samples until no further **match** is found, and then the matching samples are compared with the lossless signature. 19. A method of generating a difference file defining differences between an updated file and a base **file**, the method comprising: generating a checkpoint defining characteristics of the **base file** in terms of multiple segment descriptions each selected to represent a respective segment of the **base file** at a minimum level of resolution sufficient to represent distinctly the segment; generating at different levels of resolution segment descriptions for segments in the updated file and comparing the generated segment descriptions with segment descriptions in the checkpoint to identify **matching** and non-**matching** segments; and storing as the difference **file** data identifying segments in the updated **file** that **match** segments in the **base file** and data representing portions of the updated **file** at a minimum level of resolution sufficient to represent distinctly the portion.

27/3K/5 (Item 5 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

Document management method and document management system

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	Country	Number	Kind	Date	
Patent	EP	1258818	A2	20021120	(Basic)

	Country	Number	Kind	Date
	EP	1258818	A3	20060208
Application	EP	2002010679		20020513
Priorities	JP	2001142560		20010514

Specification:

linking the keywords with each other is newly added for the purpose of coping with the case that the different keywords are used in the **different document** template types. As **shown** in Fig. 9, the module 117 is served to link the "different keywords with the relation of the update notice for each document template type with each other. For example, the keyword "project schedule" in the "project policy **document**" is linked with the keyword "DB development schedule" in the "DB **analysis model document**". Unlike the first embodiment, the "keyword conversion link" 117 makes it possible to execute an update notice process between the different keywords. In the case of updating the keyword "project" in the "project policy **document**", by tracing the keyword conversion link 117, the keyword "DB development schedule" in the influenced "DB **analysis model document**" is detected. The execution of the following process in the same manner as the first embodiment results in generating the **document**-update notice information. The linking management between the keywords that have been mentioned with respect to this embodiment serves to improve the problem occurring

27/3K/6 (Item 6 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
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STRUCTURES AND METHODS FOR MANAGING SOFTWARE AND DOCUMENTATION

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	Country	Number	Kind	Date
Patent	WO	200338607	A1	**20030508**
Application	WO	2002US31600		20021024
Priorities	US	2001335250		20011031
	US	2002147694		20020517
	US	2002147722		20020517
	US	2002147846		20020517
	US	2002147836		20020517

	Country	Number	Kind	Date
	US	2002150803		20020517
	US	2002147714		20020517
	US	2002147691		20020517
	US	2002147848		20020517
	US	2002147814		20020517
	US	2002147787		20020517

Detailed Description:

that was assimilated from the characteristics of the programming language via code-to prose/pseudocode translation; and (3) name symbol, e.g., variable, type/scope **analysis** and cross-**reference** linking. In addition, application-specific footnote annotation, subtitle descriptions, and synopsis information to more completely flesh out the source code documentation are included. The rapid comprehension source code documentation, in this embodiment, includes four **different** layers, a menu layer, an executive synopsis layer, a source code to prose/pseudocode description and annotation layer, and pre-formatted source code layer. The...